

AMENDMENT TO THE SPECIFICATION

Page 4, after paragraph 28, please insert the following paragraphs:

Figure 13 is a picture of a Dauer laver and young adult of *C. elegans* after treatment of the synthetic pheromone.

Figure 14 is a picture showing an image illustrating that the *C. elegans* goes to the Dauer larva stage.

Figure 15 is a table showing Dauer formation effect activity of the pheromone *C. elegans*.